

REMARKS

Applicants request entry of the present amendments which conform the claims to U.S. practice. No new matter is being introduced by this Amendment as antecedent support is set forth in the original specification and in the original claims.


Prosecution on the merits is respectfully requested.

The Examiner is invited to contact Applicants' Attorneys at the below-listed telephone number regarding this Preliminary Amendment or otherwise regarding the present application.

If there are any charges with respect to this Amendment or otherwise, please charge them to Deposit Account No. 06-1130 maintained by Applicants' attorneys.

Respectfully submitted,
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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

Claims 1-19 are amended herein as follows:

Claim 1. (Amended/Marked Up) Communication device comprising a housing enclosing at least one loudspeaker [(2)] and at least part of at least one antenna [(1)] inside the housing [(8)], said least one loudspeaker comprising an acoustic resonance chamber [(9)] and said at least one antenna comprising at least one electromagnetic resonance chamber [(13)], [characterised in that] wherein the acoustic resonance chamber [(9)] is completely or partly located within the electromagnetic resonance chamber [(13)].

Claim 2. (Amended/Marked Up) Communication device according to claim 1, [characterised in that] wherein the at least one antenna [(1)] is a directive patch antenna.

Claim 3. (Amended/Marked Up) Communication device according to claim 1 [or 2, characterised in that] wherein at least one antenna [(1)] is a dual band antenna.

Claim 4. (Amended/Marked Up) Communication device according to claim[s] 1[-3], [characterised in that] wherein the at least one antenna [(1)] defines [the] walls of the acoustic resonance chamber [(9)] completely or partly.

Claim 5. (Amended/Marked Up) Communication device according to claim[s] 1[-4], [characterised in that] wherein the loudspeaker [(2)] is coupled with the resonance chamber by means of at least one acoustic channel.

Claim 6. (Amended/Marked Up) Communication device according to claim[s] 1[-5], [characterised in that] wherein the at least one antenna [(1)] is a coil or loop antenna[, preferably a directive coil or loop antenna].

Claim 7. (Amended/Marked Up) Communication device according to claim[s] 1[-6], [characterised in that] wherein the acoustic resonance chamber [(9)] is a pressure chamber.

Claim 8. (Amended/Marked Up) Communication device according to claim[s] 1[-7], [characterised in that] wherein the acoustic resonance chamber [(9)] has acoustic openings to [the] an exterior.

Claim 9. (Amended/Marked Up) Communication device according to claim[s] 1[-8], [characterised in that] wherein a [the] dimension of the acoustic resonance chamber [(9)] completely or partly located within the electromagnetic resonance chamber is 0.5 to 8 cm³.

Claim 10. (Amended/Marked Up) Communication device according to claim[s] 1[-9], [characterised in that] wherein the shared resonance chamber is on [the] an inside [being] reinforced by reinforcement elements or walls dividing the chamber into smaller volumes.

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Claim 11. (Amended/Marked Up) Communication device comprising a housing enclosing at least one loudspeaker [(2)] and at least a part of at least one antenna [(1)] inside the housing [(8)], said at least one loudspeaker [(2)] comprising an acoustic resonance chamber [(9)] and said at least one antenna comprising at least one electromagnetic resonance chamber [(13)], [characterised in that] wherein the acoustic resonance chamber [(9)] is completely or partly located within the electromagnetic resonance chamber [(13)], wherein said loudspeaker [(2)] and said acoustic resonance chamber [(9)] are separated by means of at least one electromagnetic screen [(11)], said loudspeaker and said acoustic resonance chamber are acoustically connected through said electromagnetic screen by means of at least one acoustically coupling means [(10)].

Claim 12. (Amended/Marked Up) Communication device according to claim 11, [characterised in that] wherein said screen is [the] a ground plane [(11)] of the antenna [(1)].

Claim 13. (Amended/Marked Up) Communication device according to claim 11, [characterised in that] wherein the loudspeaker [(2)] is coupled with the acoustic resonance chamber [(9)] by means of at least one acoustic channel [(10)] passing through said screen [(11)].

Claim 14. (Amended/Marked Up) Communication device according to claim 11, [characterised in that] wherein the channel [of] includes consists of one or more holes [(10)] in said screen [(11)].

Claim 15. (Amended/Marked Up) Communication device according to claim 14, [characterised in that] wherein [the] a number of holes is between 1 and 50[, preferably 4 holes].

Claim 16. (Amended/Marked Up) Communication device according to claim 15, [characterised in that] wherein [the] a diameter of the one or more holes is between [0,5] 0.5 and 5 mm[, preferably 2 mm].

Claim 17. (Amended/Marked Up) Communication device comprising a housing enclosing at least one loudspeaker [(2)] and at least a part of at least one antenna [(1)] inside the housing [(8)], said at least one loudspeaker comprising an acoustic resonance chamber [(9)] and said at least one antenna comprising at least one electromagnetic resonance chamber [(13)], [characterised in that] wherein the acoustic resonance chamber [(9)] is completely or partly located within the electromagnetic resonance chamber [(13)] and [that] the acoustic resonance chamber or at least [the] a main part of the acoustic resonance chamber is located at a distance from said loudspeaker [(2)].

Claim 18. (Amended/Marked Up) Communication device comprising a housing enclosing at least one loudspeaker [(2)] and at least part of at least one antenna [(1)] inside the housing [(8)], said at least one loudspeaker comprising an acoustic resonance chamber [(9)] and said at least one antenna comprising at least one electromagnetic resonance chamber [(13)], [characterised in that] wherein the acoustic resonance chamber [(9)] is completely or partly located within the electromagnetic resonance chamber [(13)] and [that] the loudspeaker and the acoustic resonance chamber is connected by at least one acoustic coupling means [(10)].

Claim 19. (Amended/Marked Up) Communication device according to claim 17 [or 18], [characterised in that] wherein the acoustic coupling means is at least one acoustic channel.